

**DETAILED ACTION**

This is in response to amendment to application no. 10/533,291 filed on February 12, 2010.

Claims 1, 3-16, 18-20, and 74-75 are presented for examination.

***Information Disclosure Statement***

1. The information disclosure statement (IDS) submitted on February 12, 2010 was filed after the mailing date of the Non-Final Office Action on November 12, 2009. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

***Allowable Subject Matter***

2. Claims 1, 3-16, 18-20, 74 and 75 are allowed.

3. The following is an examiner's statement of reasons for allowance: The prior arts of record do not disclose or suggest at least the limitation of "a method of manufacturing an electronic component comprising at least one of an n-doped portion or a p-doped portion, the method comprising depositing a liquid on the substrate, wherein a hydrophobic/hydrophilic interaction between the deposited hydrophobic material and the deposited liquid conforms the liquid to the defined region, wherein the liquid comprises a dopant and suspended nanoparticles, the nanoparticles comprising at least one of silicon or germanium" as recited in claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANTHONY HO whose telephone number is (571)270-1432. The examiner can normally be reached on M-F: 9:30AM-5:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kenneth Parker can be reached on 571-272-2298. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/A. H./

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Examiner, Art Unit 2815

/Kenneth A Parker/

Supervisory Patent Examiner, Art Unit 2815